

What is claimed is:

1. A liquid crystal display device comprising:

a pair of substrates;

a liquid crystal layer which is sandwiched between the pair of substrates;

a large number of pixels which are arranged in a matrix array; and

color filters; wherein,

a color filter forming region and a color filter non-forming region are formed within a lighting region which is visible to a viewer in the inside of one pixel, and further,

in the inside of one pixel,

a first side of the lighting region includes both of the color filter forming region and the color filter non-forming region,

a second side of the lighting region which faces the first side in an opposed manner includes both of the color filter forming region and the color filter non-forming region,

the first side assumes the color filter non-forming region at a region which faces the color filter forming region of the second side in an opposed manner, and

the second side assumes the color filter non-forming region at a region which faces the color filter forming region of the first side in an opposed manner.

2. A liquid crystal display device according to claim 1,

wherein the color filter has shapes which intersect the first side and the second side obliquely at portions where the color filter forming region and the color filter non-forming region are changed over.

3. A liquid crystal display device according to claim 1, wherein, in the inside of one pixel, respective portions of the first side and the second side which face each other in an opposed manner include at least portions of regions which constitute the color filter non-forming regions.

4. A liquid crystal display device according to claim 1, wherein the lighting region is a region where the pixel electrode is formed.

5. A liquid crystal display device according to claim 4, wherein the lighting region is a region where the pixel electrode is formed, the first side is one side out of sides of the pixel electrode, and the second side is another side of the pixel electrode which faces one side of the pixel electrode in an opposed manner.

6. A liquid crystal display device according to claim 1, wherein the lighting region is an opening region formed in a black matrix.

7. A liquid crystal display device according to claim 6, wherein the lighting region is an opening region of the black matrix, the first side is one side out of sides of the black matrix, and the second side is another side of the black matrix

which faces one side of the black matrix in an opposed manner while sandwiching the color filter therebetween.

8. A liquid crystal display device according to claim 1, wherein the black matrix is formed on the substrate on which the color filters are formed.

9. A liquid crystal display device according to claim 1, wherein the black matrix is formed on the substrate which faces the substrate on which the color filters are formed in an opposed manner.

10. A liquid crystal display device according to claim 1, wherein switching elements for selecting the pixels are formed on the substrate on which the color filters are formed.

11. A liquid crystal display device according to claim 1, wherein switching elements for selecting the pixels are formed on the substrate which faces the substrate on which the color filters are formed in an opposed manner.

12. A liquid crystal display device according to claim 1, wherein, on the substrate on which the color filters are formed, switching elements for selecting the pixels, pixel electrodes to which a voltage is supplied through the switching elements and a black matrix which blocks at least light passing through between the neighboring pixels are formed.

13. A liquid crystal display device according to claim 1, wherein, on the substrate which faces the substrate on which the color filters are formed in an opposed manner, switching

elements for selecting the pixels, pixel electrodes to which a voltage is supplied through the switching elements and a black matrix which blocks at least light passing through between the neighboring pixels are formed.

14. A liquid crystal display device according to claim 1, wherein a black matrix which blocks at least light passing through between the neighboring pixels is formed on the substrate on which the color filters are formed, and switching elements which selects the pixels and pixel electrodes to which a voltage is supplied through the switching elements are formed on the substrate which faces the substrate on which the color filters are formed in an opposed manner.

15. A liquid crystal display device according to claim 1, wherein the liquid crystal display device performs a transmissive type display.

16. A liquid crystal display device according to claim 1, wherein the liquid crystal display device performs a reflective type display.

17. A liquid crystal display device according to claim 1, wherein the liquid crystal display device performs both of a transmissive type display and a reflective type display.

18. A liquid crystal display device comprising:

a pair of substrates;

a liquid crystal layer which is sandwiched between the pair of substrates;

a large number of pixels having pixel electrodes which are arranged in a matrix array; and

color filters, wherein,

a color filter forming region and color filter non-forming regions are provided in the inside of one pixel,

a substantially straight first side of the pixel electrode includes the color filter forming region and the color filter non-forming region,

a substantially straight second side of the pixel electrode which faces the first side in an opposed manner includes the color filter forming region and the color filter non-forming region,

the first side assumes the color filter non-forming region at a region thereof which faces the color filter forming region of the second side in an opposed manner, and

the second side assumes the color filter non-forming region at a region thereof which faces the color filter forming region of the first side in an opposed manner.

19. A liquid crystal display device comprising:

a pair of substrates;

a liquid crystal layer which is sandwiched between the pair of substrates;

a large number of pixels which are arranged in a matrix array;

color filters; and

a black matrix, wherein

a color filter forming region and color filter non-forming regions are provided in the inside of one pixel,

a first side which is a substantially straight side of an opening portion formed in the black matrix includes the color filter forming region and the color filter non-forming region,

a second side which faces the first side of the opening portion of the black matrix in an opposed manner includes the color filter forming region and the color filter non-forming region,

the first side assumes the color filter non-forming region at a region thereof which faces the color filter forming region of the second side in an opposed manner, and

the second side assumes the color filter non-forming region at a region thereof which faces the color filter forming region of the first side in an opposed manner.